

**APPLICANT'S ART CITATION**  
(Use several sheets if necessary)

**JUL 30 2003**

Application 10/089,487

Applicant Florian GUNZER et al.

Filing Date August 12, 2002

OPQS File No. P/2107-210

Group Art Unit 1645

**RECEIVED**  
AUG 01 2003  
TECH CENTER 1600/2900

**U.S. PATENT DOCUMENTS**

Examiner Initial	Document Number	Date MM-YYYY	Name	Class	Sub-class	Filing Date If Appropriate
CG	US-6,511,831	01-2003	Bernhagen et al.	435	91.1	

**FOREIGN PATENT DOCUMENTS**

	Document Number	Date MM-YYYY	Country	Class	Sub-class	Translation	
						Yes	No
CG	0 864 657 A1	09-1998	EPO				
CG	WO 99/57314	11-1999	PCT			X (Abstract only)	
CG	198 19 889 A1	11-1999	Germany (corresponds to WO 99/57314)				

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

CG	✓	Franke et al. "Clonal Relatedness of Shiga-Like Toxin-Producing <i>Escherichia coli</i> O101 Strains of Human and Porcine Origin" J. Clin. Microbiol. (1995) 33(12) 3174-8.
	✓	Blanco et al. "Genes Coding for Enterotoxins and Verotoxins in Porcine <i>Escherichia coli</i> Strains Belonging to Different O:K:H Serotypes: Relationship with Toxic Phenotypes" J. Clin. Microbiol. (1997) 35(11) 2958-63.
	✓	Bonnet et al. "Non-O157:H7 Stx2-Producing <i>Escherichia coli</i> Strains Associated with Sporadic Cases of Hemolytic-Uremic Syndrome in Adults" J. Clin. Microbiol. (1998) 36(6) 1777-80.
	✓	Paton et al. "Detection and Characterization of Shiga Toxigenic <i>Escherichia coli</i> by Using Multiplex PCR Assays for <i>stx</i> , <i>stx</i> , <i>eaeA</i> , Enterohemorrhagic <i>E. coli</i> <i>hlyA</i> , <i>rfbO111</i> , and <i>rfbO157</i> " J. Clin. Microbiol. (1998) 36(2) 598-602.
	✓	Franck et al. "Multiplex PCR for Enterotoxigenic, Attaching and Effacing, and Shiga Toxin-Producing <i>Escherichia coli</i> Strains from Calves" J. Clin. Microbiol. (1998) 36(6) 1795-97.
	✓	Fagan et al. "Detection of Shiga-Like Toxin ( <i>stx</i> , and <i>stx</i> ), Intimin ( <i>eaeA</i> ), and Enterohemorrhagic <i>Escherichia coli</i> (EHEC) Hemolysin (EHEC <i>hlyA</i> ) Genes in Animal Feces by Multiplex PCR" (1999) 65(2) 868-872.
	✓	Sharma et al. "Semi-Automated Fluorogenic PCR Assays (TaqMan) For rapid Detection of <i>Escherichia coli</i> O157:H7 and Other Shiga Toxigenic <i>E. coli</i> " Mol. Cell Probes (1999) 13(4) 291-302. <i>Abstract only</i>
	✓	Weinstein et al. "Cloning and Sequencing of a Shiga-like Toxin Type II Variant From <i>Escherichia coli</i> Strain Responsible for Edema Disease of Swine" J. Bacteriol. (1988) 170(9) 4223-4230 <i>Abstract only</i>

Examiner *CG*

Date Considered 9/21/05

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

<b>APPLICANT'S ART CITATION</b> (Use several sheets if necessary)		Application 10/089,487		OFGS File No. P/2107-210			
		Applicant Florian GUNZER et al.					
		Filing Date August 12, 2002		Group Art Unit 1645			
<b>U.S. PATENT DOCUMENTS</b>							
Examiner Initial	Document Number	Date MM-YYYY	Name	Class	Sub-class	Filing Date If Appropriate	
	US-						
	US-						
	US-						
	US-						
	US-						
	US-						
	US-						
	US-						
	US-						
	US-						
<b>FOREIGN PATENT DOCUMENTS</b>							
	Document Number	Date MM-YYYY	Country	Class	Sub-class	Translation	
						Yes	No
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
Copy	✓	Weinstein et al. "Cloning and Sequencing of a Shiga-like Toxin Type II Variant From <i>Escherichia coli</i> Strain Responsible for Edema Disease of Swine" <i>J. Bacteriol.</i> (1988) 170(9) 4223-4230 (NCBI Sequence Viewer, downloaded from <a href="http://www.ncbi.nlm.nih.gov">www.ncbi.nlm.nih.gov</a> on 6/25/03) (2 pages). <i>NCBI printout only</i> Accession # M1534					
J	✓	Reischl et al. "Real-time Fluorescence PRC Assays for Detection and Characterization of Shiga Toxin, Intimin, and Enterohemolysin Genes from Shiga Toxin-Producing <i>Escherichia coli</i> " <i>J. Clin. Microbiol.</i> (2002) 40(7) 2555-65 (NCBI Sequence Viewer, downloaded from <a href="http://www.ncbi.nlm.nih.gov">www.ncbi.nlm.nih.gov</a> on 6/24/03) (2 pages). <i>NCBI printout</i> Accession # A5313016.1					
J	✓	Blast 2 Sequence Results, download from <a href="http://www.ncbi.nlm.nih.gov">www.ncbi.nlm.nih.gov</a> on 6/25/03) (4 pages).					
Examiner <i>Cryce</i>		Date Considered 9-21-05					
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.							

<b>APPLICANT'S ART CITATION</b> (Use several sheets if necessary)		Application		OFGS File No. P/2107-210									
		Applicant Florian GUNZER et al				JG13 Rec'd PCT/PTU 27 MAR 2002							
		Filing Date		Group Art Unit #3									
<b>U.S. PATENT DOCUMENTS</b>													
Examiner Initial	Document Number							Date	Name	Class	Sub-class	Filing Date If Appropriate	
CM	5	6	5	2	1	0	2	07/29/97	Wiedmann, et al.				
CM	5	4	7	5	0	9	8	12/12/95	Hall, et al.				
<b>FOREIGN PATENT DOCUMENTS</b>													
	Document Number							Date	Country	Class	Sub-class	Translation	
												Yes	No
CM	0	8	6	4	6	5	7	09/16/98	Europe				
CM	9	7	4	6	7	0	7	12/11/97	WIPO				
CM	1	9	7	2	1	8	25	12/03/98	Germany				
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>													
CM	V.K. Sharma, et al., "Semi-Automated Fluorogenic PCR Assays (TaqMan) for Rapid Detection of Escherichia Coli 0157:H7 and Other Shiga Toxigenic E. Coli", <i>Molecular and Cellular Probes</i> , Vol. 13, August 1999, pp. 291-302 <i>Abstract only</i>												
	P.K. Fagan, et al., "Detection of Shiga-Like Toxin (stx1 and stx2), Intimin (eaeA), and Enterohemorrhagic Escherichia Coli (EHEC) Hemolysin (EHEC hlyA) Genes in Animal Feces by Multiplex PCR", <i>Applied and Environmental Microbiology</i> , Vol. 65, No. 2, February 1999, pp. 868-872												
	S.C. Read, et al., "Polymerase Chain Reaction for Detection of Verocytotoxigenic Escherichia Coli Isolated From Animal and Food Sources", <i>Molecular and Cellular Probes</i> , Academic Press, London, Great Britain, Vol. 6, No. 2, 1992, pp. 153-161												
	S.M. Franck, et al., "Multiplex PCR For Enterotoxigenic, Attaching and Effacing, and Shiga Toxin-Producing Escherichia Coli Strains From Calves", <i>Journal of Clinical Microbiology</i> , Vol. 36, No. 6, June 1998, pp. 1795-1797												
	V.P.J. Gannon, et al., "Rapid and Sensitive Method for Detection of Shiga-Like Toxin-Producing Escherichia Coli on Ground Beef Using the Polymerase Chain Reaction", <i>Applied and Environmental Microbiology</i> , Vol. 58, No. 12, December 1992, pp. 3809-3815												
Examiner <i>Cheng</i>		Date Considered 9-21-05											
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.													

10/089487 Sheet 2 of 2

00553411.1